

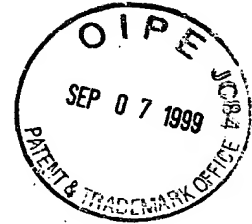
**JOINT TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

DALGIC, Ismail
2260 Rock Street, Apt. C
Mountain View, California 94043

FIJOLEK, Jack
908 Pelham Court
Maperville, Illinois 60563

KETCHAM, Carl
2947 West Ryan Drive
Taylorsville, Utah 84118



hereinafter termed "Inventors", have invented certain new and useful improvements in

**METHOD AND APPARATUS FOR PROVIDING A VIRTUAL DISTRIBUTED GATEKEEPER IN
AN H.323 SYSTEM**

and have filed an application for a United States patent disclosing and identifying the above invention
13 April 1999 as Application No. 09/290,941 (hereinafter termed "application"); and

WHEREAS, 3Com Corporation, a corporation of the State of Delaware, having a place of business
at 5400 Bayfront Plaza, Santa Clara, California 95052-8145, (hereinafter termed "Assignee"), is desirous of
acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and
in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by
said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents,
inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the
United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said
Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right,
title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign
patents on said invention pursuant to the International Convention for the Protection of Industrial Property or
otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the
United States or any foreign country, including each and every application filed and each and every patent
granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of
said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said
Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in
the United States and foreign countries. Such cooperation by said Inventors shall include prompt production
of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications,
declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said
Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting
any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional
applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said
patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal
proceedings involving said invention and any applications therefor and any patents granted thereon, including

without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

Ismail Dalgic

Date

State of _____)
County of _____)

On _____, 1999, before me, _____,
personally appeared _____,
☐ personally known to me or ☐ proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/she executed
the same in his/her authorized capacity, and that by his/her signature
on the instrument the person or the entity upon behalf of which the
person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)

Jack Fijolek

Date

State of _____)
County of _____)

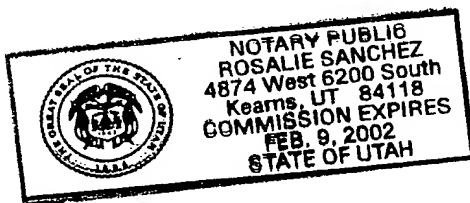
On _____, 1999, before me, _____,
personally appeared _____,
☐ personally known to me or ☐ proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/she executed
the same in his/her authorized capacity, and that by his/her signature
on the instrument the person or the entity upon behalf of which the
person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)


Carl Ketcham

May 29, 1999
Date

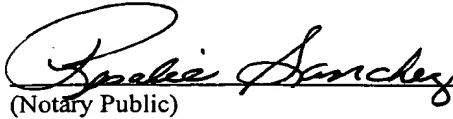


State of Utah)
County of Salt Lake)

On May 29, 1999, before me, Rosalie Sanchez,
personally appeared Carl Ketcham,

☐ personally known to me or ☒ proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/she executed
the same in his/her authorized capacity, and that by his/her signature
on the instrument the person or the entity upon behalf of which the
person acted, executed the instrument.

WITNESS my hand and official seal.


(Notary Public)

Attorney Docket No. 15886-329

JOINT TO CORPORATE
ASSIGNMENT

WHEREAS, the undersigned,

DALGIC, Ismail
2260 Rock Street, Apt. C
Mountain View, California 94043PIJOLEK, Jack
908 Pelham Court
Maperville, Illinois 60563KETCHAM, Carl
2947 West Ryan Drive
Taylorsville, Utah 84118

hereinafter termed "Inventors", have invented certain new and useful improvements in

METHOD AND APPARATUS FOR PROVIDING A VIRTUAL DISTRIBUTED GATEKEEPER
IN AN H323 SYSTEMand have filed an application for a United States patent disclosing and identifying the above invention
13 April 1999 as Application No. 09/290,941 (hereinafter termed "application"); and

WHEREAS, 3Com Corporation, a corporation of the State of Delaware, having a place of business at 5400 Bayfront Plaza, Santa Clara, California 95052-8145, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon,

C:\WP61\PORTAL\VALDES\15886\329.1

- 1 of 3 -

2 P. 1772

INISNOS NOSTIM

WAOZ:01 6661 '08'80Y

Received Time Aug.31. 8:35AM

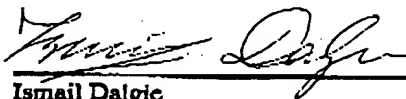
Attorney Docket No. 15886-329

including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.


 Ismail Dalgic

August 31, 1999
 Date

State of)

County of)

On _____, 1999, before me, _____
 personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

 (Notary Public)

C:\NOTARY\ALB\15886\1021251

- 2 of 3 -

3 P. 1772 No.

INISNOS NOSTIM

WAIZ:01 1999 10:21AM

Received Time Aug.31. 8:35AM

Attorney Docket No. 15886-329

State of)

County of)

Jack FijolekOn _____, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/she executed
the same in his/her authorized capacity, and that by his/her signature
on the instrument the person or the entity upon behalf of which the
person acted, executed the instrument.

Date

WITNESS my hand and official seal.

(Notary Public)

State of)

County of)

Carl KetohamOn _____, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/she executed
the same in his/her authorized capacity, and that by his/her signature
on the instrument the person or the entity upon behalf of which the
person acted, executed the instrument.

Date

WITNESS my hand and official seal.

(Notary Public)

C:\WP\PORTS\VAL\BIV\00010041

- 3 of 3 -

No. 1772 P. 4

Aug. 30. 1999 10:23AM WILSON SONS INI

Received Time Aug. 31. 8:35AM

Attorney Docket No. 15886-329

**JOINT TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

DALGIC, Ismail
2260 Rock Street, Apt. C
Mountain View, California 94043

FIJOLEK, Jack
908 Pelham Court
Maperville, Illinois 60563

KETCHAM, Carl
2947 West Ryan Drive
Taylorsville, Utah 84118

hereinafter termed "Inventors", have invented certain new and useful improvements in

**METHOD AND APPARATUS FOR PROVIDING A VIRTUAL DISTRIBUTED GATEKEEPER
IN AN H.323 SYSTEM**

and have filed an application for a United States patent disclosing and identifying the above invention 13 April 1999 as Application No. 09/290,941 (hereinafter termed "application"); and

WHEREAS, 3Com Corporation, a corporation of the State of Delaware, having a place of business at 5400 Bayfront Plaza, Santa Clara, California 95052-8145, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon,

Attorney Docket No. 15886-329

including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

State of _____)
County of _____)

Ismail Dalgic

On _____, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

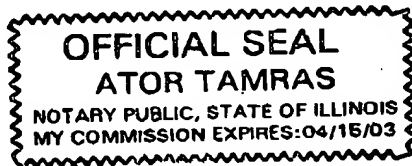
Date

WITNESS my hand and official seal.

(Notary Public)

Jack Fjolek
Jack Fjolek

8-25-99
Date



Carl Ketcham

Date

State of ILLINOIS

County of COOK

On Aug 25th, 1999, before me, ATOR TAMRAS

personally appeared JACK FJOLEK

☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

ATOR TAMRAS
(Notary Public)

State of

County of

On _____, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Notary Public)